

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method for determining the performance of a vehicle's audio system drivers in relation to predetermined baselines, the system drivers including left front and rear, and right front and rear drivers, said method comprising the steps of:

establishing a predetermined baseline for each of the system drivers by sampling a plurality of sampling drivers of the same type of each of the system drivers;

presetting the vehicle's audio system to a predetermined station;

presetting audio system output to a predetermined balance position and a predetermined center position;

broadcasting an RF signal for each of said system drivers;

maintaining the balance and center functions at the predetermined balance and predetermined center positions through the broadcasting;

detecting an output from each of the system drivers;

decoding the detected output from the system drivers; and

analyzing the output with respect to the baseline performance to determine the performance of each of the system drivers.

2. (Original) The method of claim 1 wherein the broadcast signal is operative to first only excite the left front and rear drivers and then only excite the right front and rear drivers.

3. (Original) The method of claim 1 wherein said RF signal is provided by a computer controlled RF generator.

4. (Original) The method of claim 3 wherein said RF signal is varied over time from 120 Hz to 17 kHz.

5. (Original) The method of claim 1 wherein at least one microphone is used to detect said response from the system drivers.

6. (Original) The method of claim 1 further comprising disposing a first microphone near the front of the vehicle, and a second microphone near the rear of the vehicle.

7. (Original) The method of claim 6 wherein analyzing the output includes comparing timelines relative to when the outputs from the system drivers were detected by the first and second microphones to timelines of the predetermined baselines.

8. (Original) The method of claim 7 wherein the first microphone is turned off when the second microphone is turned on.

9. (Previously Presented) A method for determining the performance of a vehicle's audio system drivers in relation to predetermined baselines, the system drivers including left front and rear drivers, and right front and rear drivers, said method comprising the steps of:

establishing a baseline performance;

presetting the vehicle's audio system to a predetermined station;

presetting an audio system output to a predetermined balance position and a predetermined center position;

broadcasting an RF signal for exciting said system drivers;

maintaining the predetermined balance position and predetermined center position during the broadcasting;

detecting an output from the system drivers wherein a first microphone is disposed near the front of the vehicle, and a second microphone is disposed near the rear of the vehicle;

decoding the output from the system drivers; and

analyzing the output with respect to the baseline performance to determine the performance of each of the system drivers.

10. (Original) The method of claim 9 wherein said broadcast signal is operative to first only excite the left front and rear drivers and then only excite the right front and rear drivers.

11. (Original) The method of claim 10 wherein analyzing the output includes comparing timelines relative to when the outputs from the system drivers were detected by the first and second microphones to timelines of the predetermined baselines.

12. (Original) The method of claim 9 wherein said RF signal is provided by a computer controlled RF generator.

13. (Original) The method of claim 12 wherein said RF signal is varied over time from 120 Hz to 17 kHz.

14. (Currently Amended) A method for determining the performance of a vehicle's audio system drivers in relation to predetermined baselines ~~wherein said method obviates the need to adjust audio system parameters during testing~~, the system drivers including left front and rear drivers, and right front and rear drivers, said method comprising the steps of:

establishing a predetermined baseline for each of the drivers by sampling a plurality of sampling drivers of the same type of each of the system drivers;

presetting the vehicle's audio system to a predetermined station;

presetting audio system output to ~~be balanced and centered among the system drivers a~~
predetermined center position;

disposing a first microphone near the front of the vehicle and a second microphone near the rear of the vehicle;

first broadcasting a composite signal operative to only excite said right front and rear system drivers and then broadcasting a composite signal operative to only excite said left front and rear system drivers;

maintaining the balance and the center functions at the predetermined balance and the predetermined center positions during broadcasting;

detecting an output from each of the system drivers using the first and second microphones;

decoding the output from the system drivers; and

analyzing the output from the system drivers with respect to the predetermined baselines to determine the performance of each of the system drivers.

15. (Canceled)